

1 McNabb Telephone Company

2 Transport Costs - Tandem 1

Year	Transit & Transport Expense
1	\$ 515
2	\$ 601
3	\$ 687
4	\$ 773
5	\$ 859
Total	\$ 3,435

11 Transport Costs - Tandem 2

Year	Transit 7 Transport Expense
1	\$ 411
2	\$ 480
3	\$ 548
4	\$ 617
5	\$ 685
Total	\$ 2,740

20 Query Dip Charges

Year	Query Charge
1	\$ 56
2	\$ 66
3	\$ 75
4	\$ 85
5	\$ 94
Total	\$ 376

Item	units	Per Unit Cost	Total	Comments
4a. LNP Software	640	\$ 4	\$ 2,560	The LNP price would be based on the number of equipped lines that in the DMS-10 office, direct interface GR-303 lines and remotes. Also the charge increases as the number of equipped lines increase in the DMS-10 area. There is a secondary offer in which we base the price on 130% of the total number of customers in a DMS-10 complex. Either way the price per line is \$4.00. Wired lines 1120 per bay. Jim Trier, Nortel Networks, 847-706-8156
4d. Switch Translations	1	\$ 6,400	\$ 6,400	Company engineers have provided a vendor cost for translations of approximately \$2,800 plus a software activation fee from Nortel of \$800, and an additional \$2,800 for the engineering work from the company engineering firm, Communications Engineers - Springfield, IL.
5. Hardware & Other (Please list items below)				
EXPENSES				
6. Please list items below				
6a. Regulatory/Legal/Admin/Cust Svc	100.00	\$ 200	\$ 20,000	Projected 100 hours of regulatory/legal at a composite average billing rate of \$200/hour.
yr1-5	5.00	\$ 2,000.00	\$ 10,000	
yr1	29	\$ 2.00	\$ 58	Annual Fee charged by GVNW for LNP administration is \$2,000
yr2-5	19	\$ 2.00	\$ 38	and per port fee charged by GVNW is \$2.
			\$ 10,096	
6b. Employee Education	2.00	\$ 8,965	\$ 17,930	NT Training class DMS-10 club (details sent under separate cover
	6.00	\$ 300	\$ 1,800	Estimated training cost for non-technical employees.
6c. Technical Support/Processing/Trouble	80.00	\$ 50	\$ 4,000	Estimated Technical labor hours for trouble, and support of LNP
	40.00	\$ 50	\$ 2,000	
6d. Customer Education	480.00	\$ 0.75	\$ 720	

T-Mobile

12920 SE 38th St.
Bellevue, WA 98006

Handwritten signature

March 31, 2004

McNabb Communications
302 W. Main St
P.O. Box 158
McNabb, IL 61335

RE: Local Number Portability with T-Mobile & MCNABB TELEPHONE CO.

MCNABB TELEPHONE CO.

OCN: 1043
NPA: 815
NXX: 882
SWITCH: MCNBILXADS0

In compliance with the FCC's Local Number Portability requirements, T-Mobile USA, Inc. is hereby providing MCNABB TELEPHONE CO. with the technical and contact information necessary to port with T-Mobile. If you have not already done so, we encourage you to provide T-Mobile with similar information on the form provided. Please return the completed forms to me at address provided below.

If you have any further questions, please contact me at (425) 378-5178 or via email at shannon.reilly@t-mobile.com.

Sincerely,

Shannon Reilly Kraus
Corporate Counsel
T-Mobile USA
12920 SE 38th St.
Bellevue, WA 98006



Please return completed profile to:
Shannon Reilly
T-Mobile USA, Inc.
12920 SE 38th St.
Bellevue, WA 98006
425-378-4000

**T-Mobile USA, Inc. Local Number Portability
Trading Partner Profile**

	T-Mobile	Trading Partner
Company Name	T-Mobile USA, Inc.	
Address	12920 SE 38 th Street	
City	Bellevue	
State	WA	
ZIP	98006	
Production SPID(s)	6529	
OCN(s)	2964, 4290, 6513, 6529, 6622, 6623, 6624, 6625, 6701, 6846, 6855, 6889, 6916, 7471, 7472, 7473, 7474, 7475, 7476	
Clearinghouse	Telcordia/TSI	
Primary Porting Method (CORBA, EDI, FAX, other)	EDI – for wireless trading partners FAX – for wireline trading partners	
Secondary Porting Method (CORBA, EDI, FAX, other)	FAX	
FAX (if used)	813-739-6201 for Machine-printed forms 813-739-6202 for Hand-printed forms	
Fallout Center Management/ Port Center Contact Information	Number Transfer Center 877-207-8009	
Hours of Operation	24 x 7	
Operations/Numbers Management Center Contact Information	WLNP On-Call WNPBillingOperations@t- mobile.com	
Testing Contact	Angie Barney	
Phone	425-378-4483	
Email	angie.barney@t-mobile.com	
Service Level Agreement Contact	Shannon Reilly	
Phone	425-378-4000	
Email	shannon.reilly@t-mobile.com	

Appendix A - T-Mobile Porting Standards

Port Request Validation Data - The following are the only WICIS data items (Version 2.0.1, Section 3.3.1) utilized to validate a port request.

Required or Optional	T-Mobile
Required	PORTED # - Porting Telephone Number
Required	SSN/Tax ID - Social Security Number/Tax ID Number Or ACCT - Account Number
Required	ZIPCODE - Zip Code
Required	AGAUTH - Agency Authorization Status
Required	AUTHNM - Authorization Name
Required	DATED - Date of Agency Authorization
Required	DD/T - Desired Due Date and Time
Optional	PSWD/PIN - Password/PIN

Port Request - Business Rules

	T-Mobile
Multiple Accounts Port	If a customer is requesting to port numbers from multiple accounts, a separate WPR must be submitted for each account.
Multi-Line Ports	All numbers on WPR must be listed individually and not as a range of numbers.
Complex Ports	Two or more lines, or One line of a multi-line account, or Prepaid accounts
SSN/Tax ID or Account Number	Social Security Number/Tax ID or the Account Number must match
Prepaid Account	Password/PIN field must match
Password/PIN Field	Valid Password/PIN data or Date of Birth (mmddyyyy)
Agency Authorization Status	Agency Authorization Status must equal 'Y', and Date of Authorization and Authorization Name must include valid values per WICIS.

Porting Time Intervals

	T-Mobile
General Guidelines	Intervals identified in the current version of the WICIS
Wireless to Wireless Simple Port	OSP to make reasonable efforts to respond to NSP port request within thirty (30) minutes. Both parties will make reasonable efforts to complete a port request within two (2) hours, or by the NSP's requested date and time, whichever is later.
Wireline to Wireless, or Wireless to Wireline Simple Port	OSP to make reasonable efforts to respond to NSP port request within twenty four (24) hours. Both parties will make reasonable efforts to complete a port request within three (3) days, or by the NSP's requested date and time, whichever is later
Wireless to Wireless Complex Port	The Parties will coordinate in good faith the processing of complex port requests and use commercially reasonable efforts to process port requests in a timely fashion
Wireline to Wireless, or Wireless to Wireline Complex Port	The Parties will coordinate in good faith the processing of complex port requests and use commercially reasonable efforts to process port requests in a timely fashion.

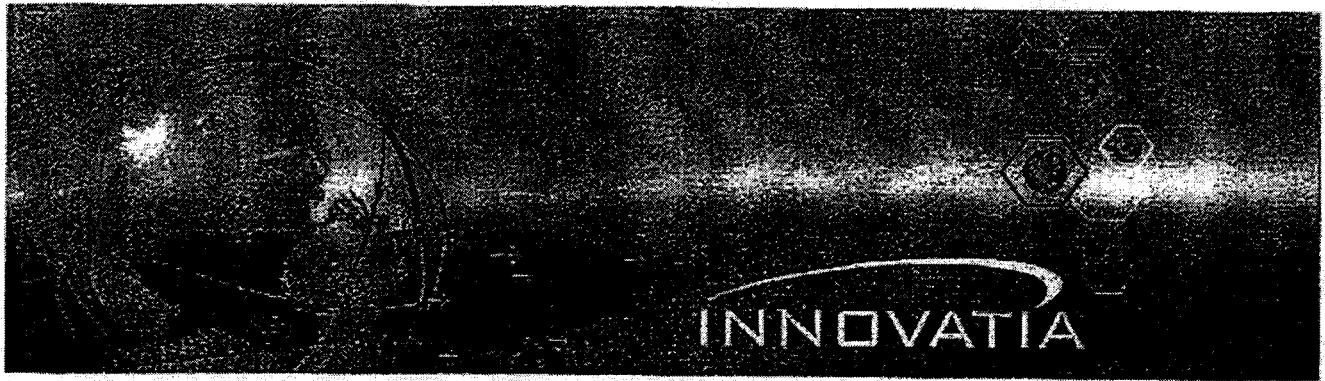
Appendix B - WICIS Fields

WICIS 2.0.1, Section 3.3.1

The information on the Wireless Port Request record is populated by the NSP from either their own internal systems or through data entered directly into NISP. In the table below, the values in the "Length" column are, "an" for alphanumeric, "alpha" for alphabetic, and "num" for numeric. The values in the Type column are "M" for mandatory, "C" for conditional and "O" for optional. When "NSP" is specified as the Data Source, it is assumed that either the NSP's systems will generate the information fed to the NISP or the information will be manually entered into the NISP. When the Data Source is "SYSTEM", it is assumed that the NISP will generate the required information. For complete descriptions of the field attributes, please refer to the Data Dictionary.

Field	Field #	Description	Length	Type	Data Source
NLSP	1	New Local Service Provider Identifier	4-an	M	NSP
ONSP	2	Old Network Service Provider Identifier	4-an	M	NSP
REQ NO	3	Request Number	16-an	M	SYSTEM
VER ID REQ	4	Version Identification	2-an	M	SYSTEM
SUP	5	Supplement Type	1-num	C	NSP
NPDI	6	Number Portability Direction Indicator	1-alpha	M	NSP
RESP NO	7	Response Number	18-an	M	OSP
NNSP	8	New Network Service Provider Identifier	4-an	M	NSP
D/TSENT	9	Date and Time Sent	12-num	M	SYSTEM
DDD/T	10	Desired Due Date and Time	12-num	M	NSP
CHC	11	Coordinated Hot Out	1-alpha	O	NSP
AGAUTH	12	Agency Authorization Status	1-alpha	M	NSP
DATED	13	Date of Agency Authorization	8-num	C	NSP
AUTHNM	14	Authorization Name	60-an	C	NSP
GREQ NO	15	Group Request Number	16-an	O	NSP
INIT	16	Initiator Identification (creator)	15-an	M	NSP or SYSTEM
IMPCON	17	Implementation Contact	15-an	M	NSP
TEL NO (IMPCON)	18	Telephone Number for Implementation Contact	17-an	M	NSP
BILLPREFIX	19	Billing Name Prefix	10-an	O	NSP
BILLFIRSTNM	20	Billing First Name	25-an	C	NSP
BILLMDINIT	21	Billing Middle Initial	1-alpha	O	NSP
BILLLASTNM	22	Billing Last Name	25-an	C	NSP
BILLSUFFIX	23	Billing Name Suffix	10-an	O	NSP
BUSNM	24	Business Name	60-an	C	NSP
BILLSTNUM	25	Billing Street Number	10-an	C	NSP
BILLSTNM	26	Billing Street Name	60-an	M	NSP
BILLSTDIR	27	Billing Street Directional	2-an	O	NSP
CITY	28	City	35-an	M	NSP
STATE	29	State/Province	2-an	C	NSP
ZIP CODE	30	Zip Code	10-an	C	NSP
COUNTRY	31	Country	3-alpha	C	NSP
SSN/Tax ID	32	Social Security Number	11-an	C	NSP
ACCT	33	Account Number	20-an	C	NSP
PSWD/PIN	34	Password/PIN	15-an	O	NSP
NPQTY	35	Number Portability Quantity	5-num	M	NSP
LNUM	36	Line Number (repeats)	5-num	M	SYSTEM
PORTED #	37	Porting Telephone Number (repeats)	17-an	M	NSP
NAME	38	End Subscriber (repeats)	60-an	O	NSP
REMARKS	39	Remarks	160-an	O	NSP
NRSELLNM	40	New Reseller Name	20-an	C	NSP

Nortel Training Courses



Instructor-led Hands-on Nortel Networks DMS SuperNode Family of Products

Course 7242

DMS SuperNode Local Number Portability (LNP) Translations and Operations

Price: USD - \$1425

Length: 3 Days (18 Hours)

Course Description

Course 7242 provides instruction with extensive hands-on exercises, which prepare the student to implement and support Local Number Portability in a DMS SuperNode SSP switch. This course covers data table interaction and datafill process for the LNP-SSP. In-exercises include LNP setup and troubleshooting tools. The course also includes Operational Measurements, logs, and AMA billing changes required for LNP implementation.

Mode of Delivery

Course 7242 is delivered in 18 hours of instructor-led hands-on training.

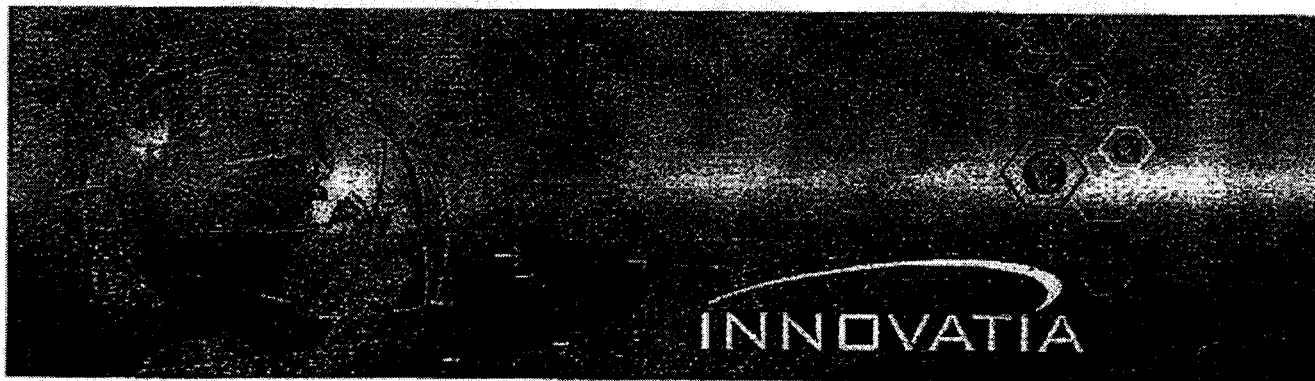
Intended Audience

Anyone with SS7 translations experience who needs to know the specifics of Local Number Portability translations, operations, and troubleshooting.

Objectives

Upon completion of this course, you will be able to:

- Explain why Local Number Portability was developed and how it impacts the key industry service providers
- Explain how LNP fundamentally changes the signalling and routing of local calls
- Identify special translations and engineering provisions necessary to implement LNP in a DMS SuperNode SSP
- Use available DMS SuperNode tools for testing LNP translations and database queries and responses

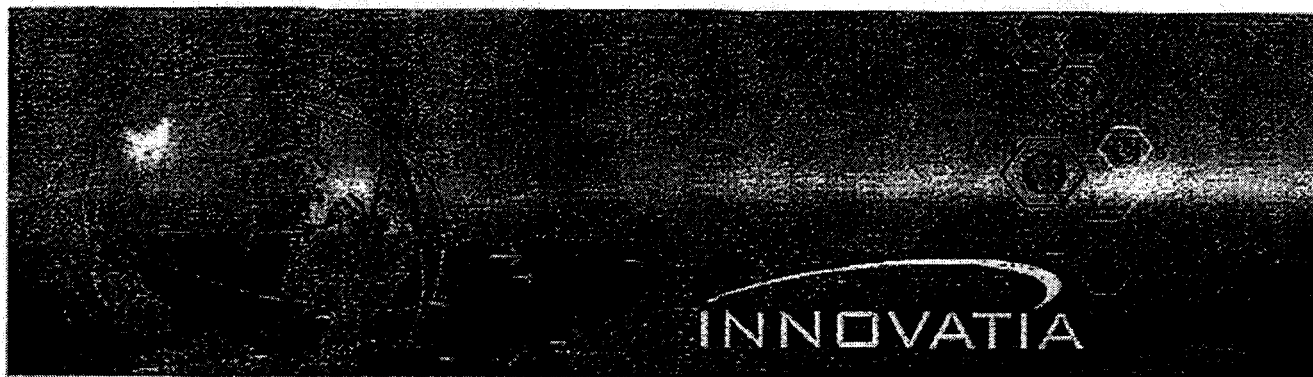


Prerequisites

3403 DMS SuperNode Common Channel Signaling 7 Translations

6000 Introduction to Advanced Intelligent Network (AIN) for SSP

7232 DMS SuperNode Advanced Intelligent Network (AIN) SSP Translations & Operations



Instructor-led Hands-on Nortel Networks DMS SuperNode Family of Products

Course 7232

DMS SuperNode Advanced Intelligent Network (AIN) SSP Translations & Operations

Price: USD - \$1840

Length: 4 Days (24 Hours)

Course Description

Course 7232 provides instruction and hands-on exercises on the data table interaction and datafill process for the AIN SSP using Operational Measurements (OMs) and logs to identify traffic-related problems.

Mode of Delivery

Course 7232 is delivered in 24 hours of instructor-led hands-on training.

Intended Audience

Anyone responsible for DMS-100 AIM translations and operations

Objectives

Upon completion of this course, you will be able to:

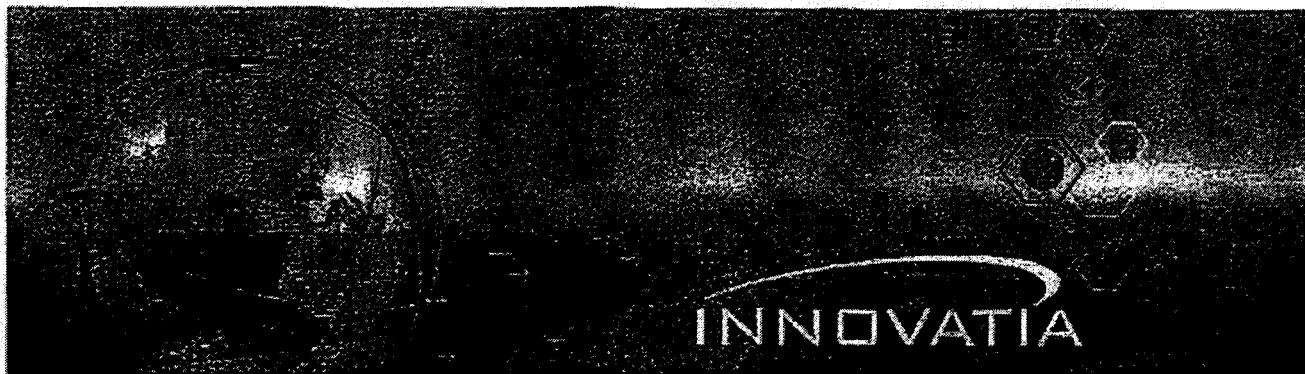
- Identify general office translation tables classified as treatment, AMA office parameters, message routing, subscription, call routing, and pre-translator as they pertain to AIN
- Describe and datafill AIN trigger types and trigger responses
- Trace AIN call progression through the data tables
- Use available software tools to troubleshoot translations and message routing
- Identify and use the Nortel Networks Technical Publications (NTPs) to datafill trigger tables
- Show how the Table Editor and SERVORD commands are used to manipulate AIN datafill
- Use TRAVER to examine the translation data output of AIN triggers
- Identify and use NTPs to interpret logs and OMs

Prerequisites

3403 DMS SuperNode Common Channel Signaling 7 Translations

6000 Introduction to Advanced Intelligent Network (AIN) for SSP





Instructor-led Hands-on Nortel Networks DMS-10 Family of Products

Course 0285

DMS-10 AIN & LNP Translations

Price: USD - \$1800

Length: 4 Days (24 Hours)

Course Description

Course 0285 provides instruction on how to implement translations for Advanced Intelligent Network (AIN) and Local Number Portability (LNP) to the DMS-10 Switch.

Mode of Delivery

Course 0285 is delivered in 24 hours of instructor-led hands-on training.

Intended Audience

This course is intended for translations personnel, database administrators, maintenance personnel, engineers, and planners.

Objectives

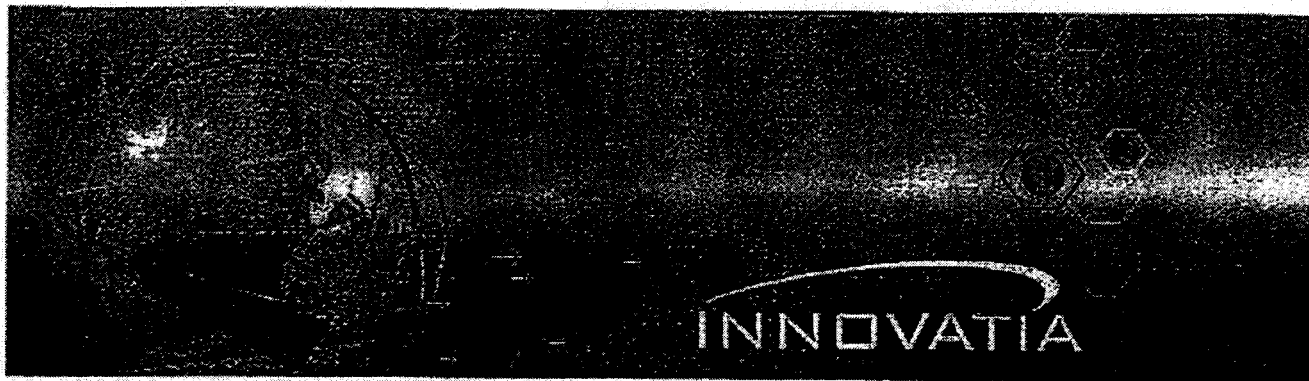
Upon completion of this course you will be able to:

- Configure the basic DMS-10 System for AIN and LNP
- Configure service logic host routes and associated administrative state codes
- Verify the CCS7 network is communicating to the proper Service Control Point (SCP)
- Configure the DMS-10 System to interface with recorded announcement equipment
- Configure the Service Switching Point (SSP) to process AIN and LNP response messages
- Assign AIN and LNP triggers

Prerequisites:

0211 DMS-10 System Translations

0235 DMS-10 Common Channel Signaling 7 (CCS7) OA&M and CLASS Translations
or equivalent experience



Module 1 – Implementation of Advanced Intelligent Network (AIN) in the DMS-10 Switch

Lesson 1 – AIN Functionality in the DMS-10 Switch

- AIN Functions Supported by the DMS-10 Switch

Lesson 2 – CCS7 Links for AIN Communications

- AIN System Configuration
- Service Logic Host Routes
- Communication With The SCP

Lesson 3 – AIN Announcements

- Vendor Digital Recorded Announcement (VDRA) Unit
- Trunk Configuration for Playing AIN Announcements
- Trunk Configuration for Recording AIN Announcements

Lesson 4 – AIN Response Messages

- SCP Response Messages
- SCP Configuration for Processing AIN Response Messages

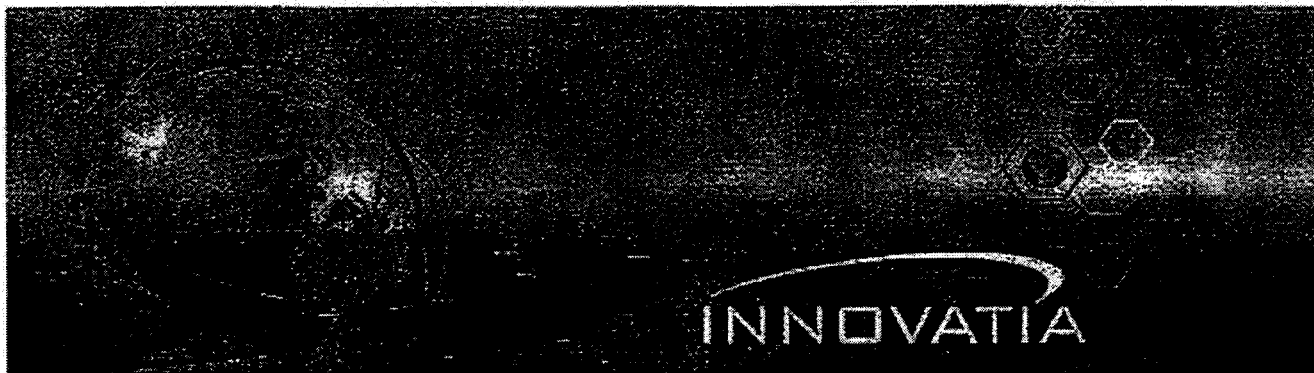
Module 2 – AIN Triggers

Lesson 1 – Station-Based Triggers

- Off-Hook Delay (OHD) Trigger
- Feature Code (FCD) Trigger
- Termination Attempt (TA) Trigger

Lesson 2 – Office Based Triggers

- LNP Service
- Location Routing Numbers (LRNs)
- LNP Network Components
- Basic Network Activities for Porting a DN
- Basic LNP Call Flow
- Signaling Parameters
- Error Conditions
- Basic System Configuration for LNP
- Service Logic Host Routes and Administrative State Codes
- Verify Communication with the SCP
- Configure the DMS-10 Switch for Ported DNs
- Configure LNP Associated Data



- Trunk Group Configuration for LNP Billing Requirements

Lesson 3 – Group-Based Triggers

- Customized Dialing Plan (CDP) Trigger
- Shared Interoffice Trunk (SIT) Trigger

This course can be purchased using Training Bank credits